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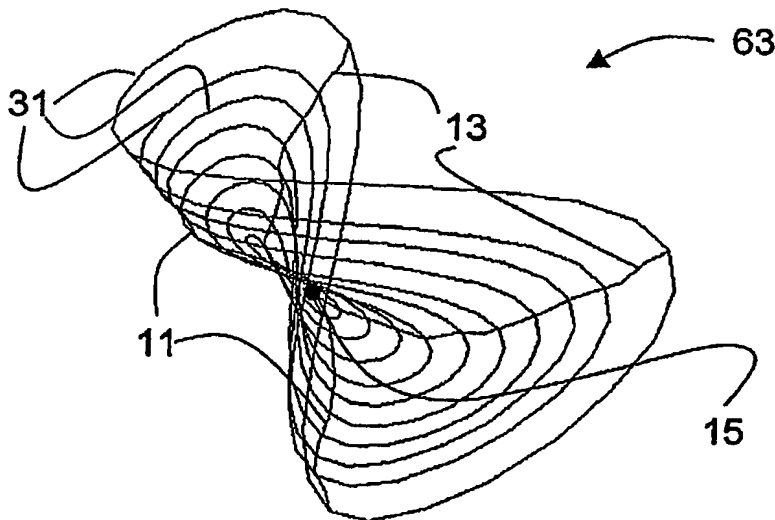
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(54) Title: METHOD OF DEFINING A SURFACE OR A VOLUME



(57) Abstract: The invention relates to a method of defining a surface or a volume in a three-dimensional, and in particular medical, data set. At least two starting lines (11, 13), which preferably lie in mutually perpendicular planes and intersect one another, having been preset, contour lines (31) that lie between the starting lines (11, 13) are determined by Fourier transformation. These contour lines (31) form a surface structure (63) from which a surface can be determined by polygonization, e.g. by triangulation. If the starting lines are closed, the surface too is closed and defines a volume.